

wherein R_1 and R_2 are independently selected from linear or branched, saturated or unsaturated C_{6-22} hydrocarbyl,

R_3 is nothing or C_{1-20} hydrocarbyl,

R_4 is C_{1-6} alkyl, C_{1-6} alkylene, or independent Z,

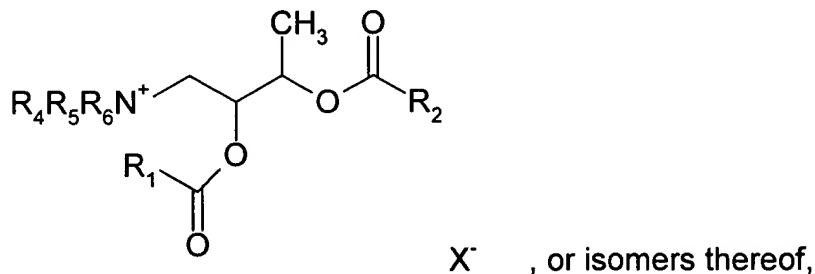
R_5 is H, C_{1-6} alkyl, independent Z, or the residue of the quaternizing agent, such as C_{1-30} alkyl or alkenyl, preferably, C_{1-7} alkyl or alkenyl,

R_6 is C_{1-6} alkyl or independent Z,

n is 1 or 2, and

X^- is an ion selected from Cl^- , Br^- , I^- , F^- , $CH_3SO_4^-$, $C_2H_5SO_4^-$, $H_2PO_4^-$, HPO_4^{2-} , PO_4^{3-} , $H_2PO_3^-$, HPO_3^{2-} , $H_2PO_2^-$, HPO_2^{2-} , nitrate⁻, formate⁻, acetate⁻, propionate⁻, tartrate⁻ and benzoate⁻, wherein the total charge of the anions equals the total charge of the cations.

3. Compounds according to claim 2 of the formula



wherein R_1 , R_2 , R_4 - R_6 and X^- have the meaning given in claim 1 wherein R_1 and R_2 are independently selected from linear or branched, saturated or unsaturated C_{6-22} hydrocarbyl,

R_4 is C_{1-6} alkyl, C_{1-6} alkylene, or independent Z,

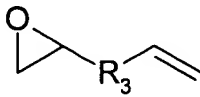
R₅ is H, C₁₋₆ alkyl, independent Z, or the residue of the quaternizing agent, such as C₁₋₃₀ alkyl or alkenyl, preferably, C₁₋₇ alkyl or alkenyl,

R₆ is C₁₋₆ alkyl or independent Z,

and

X⁻ is an ion selected from Cl⁻, Br⁻, I⁻, F⁻, CH₃SO₄⁻, C₂H₅SO₄⁻, H₂PO₄⁻, HPO₄²⁻, PO₄³⁻, H₂PO₃⁻, HPO₃²⁻, H₂PO₂⁻, HPO₂²⁻, nitrate⁻, formate⁻, acetate⁻, propionate⁻, tartrate⁻ and benzoate⁻, wherein the total charge of the anions equals the total charge of the cations..

4. Compounds according to claim 1 wherein R₁ and R₂ are independently selected from linear or branched, saturated or unsaturated C₁₂₋₁₈ alkyl groups.
5. Compounds according to claim 1, wherein R₄ and R₆ are methyl.
6. Compounds according to claim 1 wherein X⁻ is chloride, methyl sulfate or ethyl sulfate.
7. Intermediates for making one or more of the compounds of claim 1 wherein said intermediate has the formula R₄[R₆NZ]_n, wherein R₄, R₆, n, and Z have the meaning given in claim 1.
8. A fabric softening composition comprising one or more of the compounds according to claim 1.
9. A process of making the compounds of claim 1 which comprises:

- reacting an unsaturated epoxide of the formula  with an amine or protonated amine of the formula R₄[R₅R₆N]_n or R₄[R₅R₆N⁺H]_n X⁻, wherein R₃, R₄, R₅, R₆, n, and X⁻ have the meaning given in claim 1, and

- esterification of the intermediate with, on average, 1-2 moles of fatty acid derivatives, comprising the moieties $R_1-C(O)-$, $R_2-C(O)-$ or mixtures thereof, per mole of OH groups of the intermediate,
- an optional conventional quaternization either before or after said esterification step.

10. The process according to claim 9, wherein a trialkylamine is reacted with the unsaturated epoxide.

12. A fabric softening composition which comprises at least one compound according to claim 2 .

13. The composition of claim 12 which additionally comprises at least one performance booster selected from the group consisting of cationic and non-ionic surfactants.

Please add the following new claim 14:

14. The composition of claim 8 which additionally comprises at least one performance booster selected from the group consisting of cationic and non-ionic surfactants.

Remarks

This is an international application filed under the Patent Cooperation Treaty (PCT) on February 28, 2000. The claims have been amended herein in order to eliminate multiple dependencies and to place them in ideal condition for U.S. prosecution.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned **"Version with markings to show changes made."**